

# MIKA KOIVISTO

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## PROFESSIONAL SUMMARY

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- Well rounded hands-on solution architect with experience in system, software and integration architecture
- 20+ years of professional software development experience with majority of it in enterprise Java
- Worked with several Fortune Global 500 companies
- Experienced in DevOps practices, continuous integration and automation
- Expert in the field of Integrations, ECM and Portals with experience in all major Java Portal platforms
- Excellent knowledge of JEE architecture, agile methodologies, design patterns and best practices
- Extensive working knowledge of open source frameworks
- Liferay Certified 6.2 Professional Developer with over 10 years of experience as contributor and core platform engineer

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## COMPETENCE

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- Architectural patterns: Microservices, SOA, REST and n-Tiered architectures
- Object oriented design and analysis
- Design patterns: GoF, Java EE, EAI patterns
- Web Services and XML
- Agile software development practices with Scrum, XP and TDD
- Java Portals: Liferay, WebSphere Portal, Weblogic Portal
- Application Servers: Tomcat, JBoss, WebLogic, WebSphere, Resin
- Middleware: ServiceMix, Mule ESB, ActiveMQ, Terracotta
- ECM: Liferay, IBM Workplace WCM, MS SharePoint Server, OpenCMS, Magnolia, Alfresco
- Open Source Libraries and Frameworks: OSGi, Spring, Hibernate, AspectJ, CXF, EhCache, Vert.x, RxJava
- DevOps: Linux, Apache, Nginx, MySQL, Jenkins, Git, SVN, Maven, Ant, Gradle, Nexus, Ansible
- Virtualization & Cloud: Xen, VMWare, Amazon Web Services (AWS), Vagrant, Virtualbox
- Monitoring: JMX, SNMP, Nagios, New Relic, Datadog, Dynatrace

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## WORK EXPERIENCE

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### JGuru

Jan 2017 -

Founder, Independent Hands-on Solution Architect & Liferay Expert

- Consultant providing architecture & code reviews, performance testing, troubleshooting, workshops and training as well as developing integrations. Working in architect and lead developer roles.
- Technologies used: Java 11, Vert.x, Docker, hybrid cloud with AWS, Apigee, NodeJS, AWS Lambda, REST, OpenAPI, JWT, OAuth2.0 with Financial API OpenID, SAML, Datadog, Dynatrace

Select assignments:

- **OP Financial Group (Finland):** Tech lead on PSD2 API development team, represented OP on Open Banking Europe technical working group and functional group. Hybrid cloud solution with AWS.
- **Liferay (Germany):** Project kick start analysis for global logistics company implementing Liferay DXP
- **CA Technologies (USA):** Implementation of encrypted token support to Liferay SAML 2.0 provider. Worked with teams for USA and India to integrate the solution to CAs own product.
- **Mondi Group (Austria):** Performance analysis of Liferay performance issue

### Liferay

Apr 2009 – Dec 2016

Senior Software Engineer

*Helsinki, Finland*

Jun 2014 – Dec 2016

- Core backend infrastructure application security team member responsible for designing and developing security features of the core platform. Reporting directly to VP of Operations
- Mitigation and prevention of security vulnerabilities

Senior Software Engineer

*Los Angeles, CA USA*

Nov 2010 – May 2014

- Reporting directly to Chief Software Architect
- Integration specialist handling Liferay document connectors for Documentum, SharePoint, Nuxeo, Alfresco and many other CMIS document repositories
- Lead designer and developer for Liferay SAML 2.0 Identity Provider and Service Provider support
- Expert on third party integrations for SSO such as SAML, SiteMinder and Facebook

Senior Consultant Apr 2009 – Oct 2010  
*Frankfurt am Main, Germany*

- Held public and private trainings on following topics: Portal Administration, System Administration and Development
- Provided clients architecture consulting, auditing and solution validation
- Held technical workshops and provided technical pre-sales support
- Provided clients performance tuning and production installations
- Developed integrations using technologies such as SAML and Terracotta DSO
- Worked with many Fortune Global 500 companies such as Robert Bosch, Vodafone, Barclays and IBM

**Logica (now CGI)** Nov 2001 – Mar 2009  
 Senior Technical Architect  
*Helsinki Finland*

Lead Software Architect Nov 2006 – Mar 2009

- Technical coordination of architects in several concurrent projects in a named account
- Provided technical pre-sales support and evaluated technical aspects of RFPs
- Held architecture and code reviews on regular basis
- Held developer trainings and mentored other architects and developers
- Architected solutions using Liferay Portal and Microsoft Office SharePoint Server
- Designed integrations using IBM Message Broker, JMS and Web services
- Setup and maintained continuous integration environment

Software Architect Jan 2006 – Oct 2006

- Lead Architect in a IBM WebSphere Portal implementation for M-real
- Lead Developer in a IBM WebSphere Portal implementation for Finnair

Software Designer Nov 2001 – Dec 2005

- Developed Portals with Fatwire and Bea Portal for Senate Properties and Finnish Justice Department
- Lead development of IBM Websphere Portal and IBM Workplace Web Content Management for M-real
- Developer in a Bea Weblogic and Sybase based client-server application using EJBs for Finnish Customs

**Spray Network** Nov 1999 – Nov 2001  
*Helsinki, Finland*  
 Lead Developer

- Lead the design and migration of Perl based platform to Enterprise Java platform
- Designed and developed an email system for 300k active users
- Designed a mobile content and SMS application platform
- Designed and developed integrations for eCommerce payment processing

**Western Washington University** Oct 1997 – Oct 1998

**Academic Technology & User Services**

*Bellingham, WA USA*

Web Technician [Computer assistant IV]

- Assisted university webmaster with development of Perl/CGI web applications for faculty and staff.

## EDUCATION

**EVTEK University of Applied Sciences** 2003 – 2009  
*Espoo, Finland*

- Studied Information Technology with focus on software engineering

**Western Washington University** 1996 – 1998  
*Bellingham, WA USA*

- Studied computer science

## CERTIFICATION

- Java and Liferay